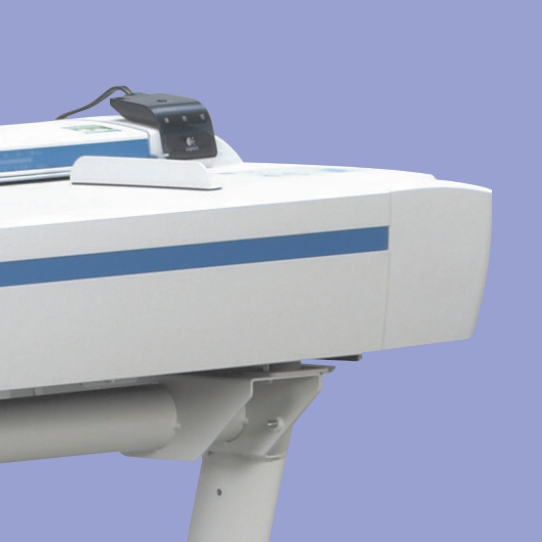# Ricoh Wide Format Color Scanner

**Setting the Standards for
Wide Format Imaging**

RICOH

fast

precise

color

Type of Original - Color
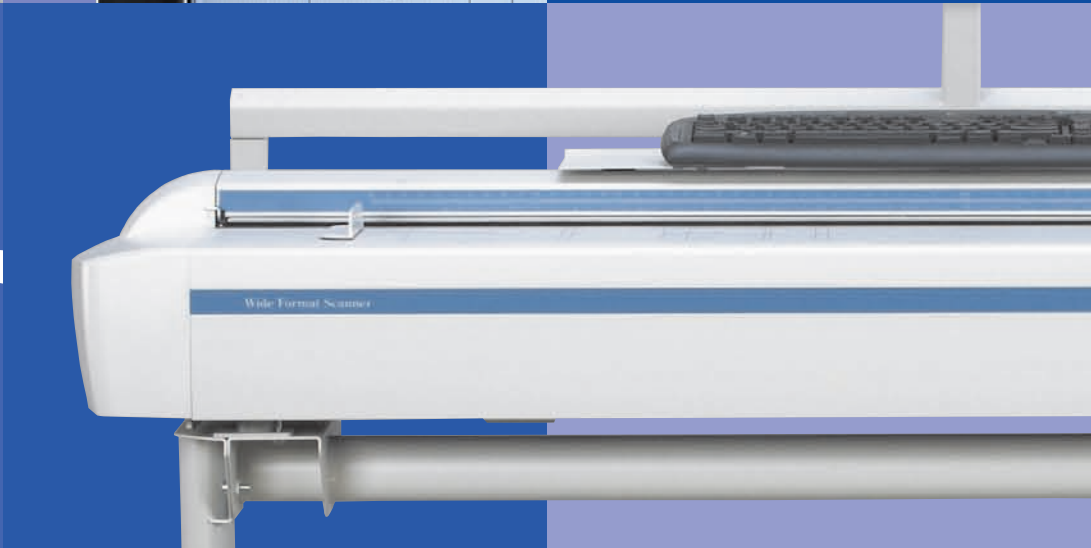
Color Photo

Brochure

Map

Color CAD

-
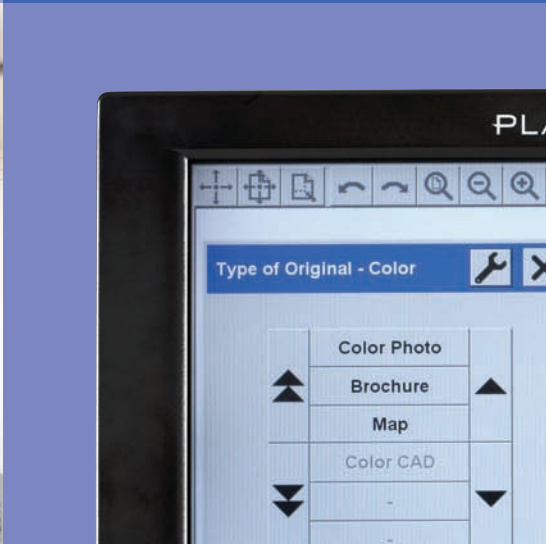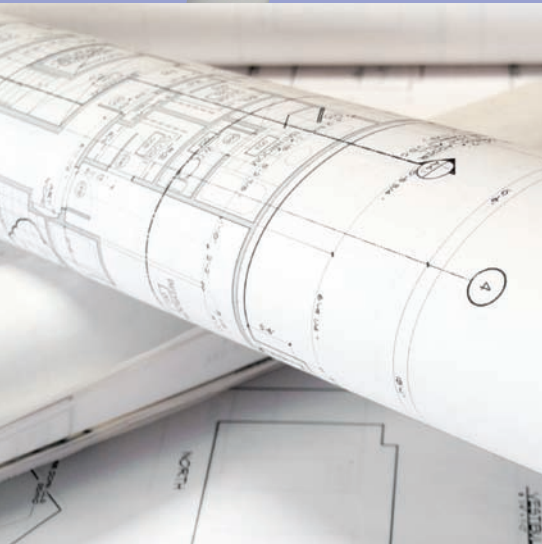
Wide Format Scanner

Ricoh Wide Format Color Scanner

Capture all the Details—In Color

Changes and additions are a fact of life with wide format documents. Capture them fast in full color, while handling high-speed monochrome scanning and printing needs at the same time. The new RICOH® Wide Format Color Scanner captures "as-builts" and on-site changes—or integrates satellite imagery into your documents. Whether it's architectural drawings, sepias, blueprints, detailed maps, folded or wrinkled documents, or oversized drawings, photos or posters, you're assured unrivaled speed and image quality.

Accelerate Your Workflow

Simply put, the Ricoh Wide Format Color Scanner gives you more time to focus on your work.

- Eliminate waiting time with the high-speed, 12 inches-per-second (ips) monochrome scan speed and .6 inch-per-second (ips) color scan speed (48-bit).
- Scan thick documents you never thought possible: up to .6" thick. Capture information from posters, presentation boards and other thick working documents.
- Increase productivity by eliminating skewed documents, cut scanning times, and avoid both image distortion and damage to fragile originals. The All-Wheel-Drive Paper Transport System keeps a uniform hold on your documents across the width of the paper, for a straight paper path and trouble-free scanning.
- Pre-scan, crop images and edit copy before sending to file or output, short-cutting the design process and saving time.

Sharp, Realistic Detail

Create the sharpest, most accurate CAD or GIS reproductions of any wide format imaging system available today.

- Capture extraordinarily accurate 600 dpi images with 48-bit color and 16-bit monochrome data.
- Eliminate the background artifacts and "noise," common problems with GIS imaging systems, with the advantages of CCD technology: superior background suppression, color-matched fluorescent lamps, high-quality camera lenses and a high-definition CCD array.
- Enlarge your work to highlight details and create display-size, presentation-quality documents.
- Accurately capture hard-to-scan documents, such as folded, wrinkled or curled drawings from worksites or storage.
- Gain the advantage of the most accurate point-to-point pixel distance in the industry produced by the Accurate Lens Enhancement (ALE) Technology.

Simple Touch-Screen Operation

Scanning with the Ricoh Wide Format Color Scanner has never been easier.

- Easily program and select job print parameters with the LCD touch-screen control panel.
- Free up the printing queue by using Scan-to-File to scan your documents and then print them later.
- Connect the scanner seamlessly and easily within your network with the included WIDEsystem multifunction software, which manages communication between the scanner and the controller PC.
- Simplify operation with the JETimage^NET multifunction software which allows you convenient, programmable action buttons to scan, copy, print and even track your projects over time.
- Perform scanning operations across your LAN or the Internet with Scan-to-Net, which allows you to scan directly to anyone on your network or back to your own PC.

Scanning Station

Ricoh Printer Aficio SP W2470

WIDEsystem Clients and/or JETimage Software

Ricoh Aficio MP W3600

Ricoh Aficio MP W2400

Inkjet Plotter

Scanner Specifications

Configuration	Stand-alone
Scanning Process	4-channel CCD camera (x3)
Warm-Up Time	Less than 120 seconds
First Copy	34 seconds (E-Size)
Scanning Speed	12 ips Monochrome, 200 dpi/.6 ips Color, 200 dpi
Scan-to-File Speed	2.9 sec. Monochrome/35 sec. Full-Color (D-Size)
Optical Resolution	600 dpi, Max. 9600 dpi (interpolated)
Color Levels	48-bit color
Media Maximum Thickness	0.6"
Original/Copy Size	Maximum: 36"/Document size: up to 44"
Power Source	120V 15A 60Hz
Dimensions (WxDxH)	63" x 26.7" x 18.1" (Mainframe only) 61.8" x 25.5" x 20.4" (Stand)
Weight	187.3 lbs. (Mainframe only) 143.3 lbs. (Stand)
Supported File Formats	PDF, TIFF, CALS, HP-RTL, JPEG
Network Protocol	TCP/IP(IPv.4/IPv.6), IBX/SPX, AppleTalk
Operating System	Windows 95/98/Me, Windows NT 4.0, Windows 2000, Windows XP, Windows 2003 Server, Mac OS 6-10.1 or later
Maintenance	Automatic color calibration and camera alignment
Interface	Hi-Speed USB 2.0
Accuracy	0.1%, +/- 1 pixel, between any 2 points on document

Recommended PC Configuration (not supplied)

CPU	Dell Optiplex 755 1.66GHz Intel Core 2 Duo 1024 MB RAM 80 GB SATA 3 GB/s HDD CD/DVD Optical Drive 10/100 Ethernet Hi-Speed USB 2.0 Windows XP Pro
Monitor	The monitor used is either a 15" or 17" touch-screen panel and must support a 4" VESA mount. The monitor shouldn't exceed 13.5"x15.7" (HxW) as this will prevent the original guide from opening for maintenance.
Keyboard and Mouse	Logitech Wireless Desktop EX110

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